

Fig. 1

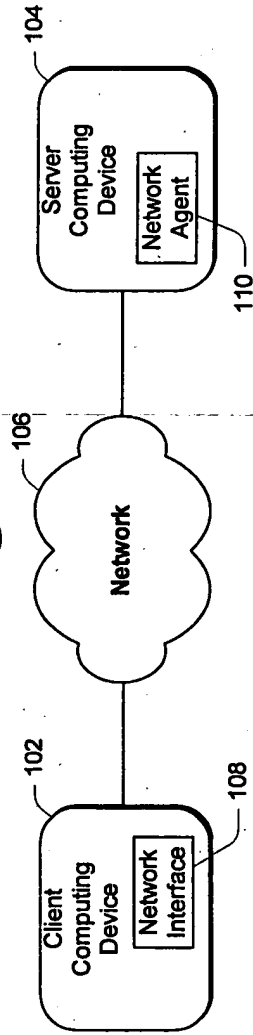
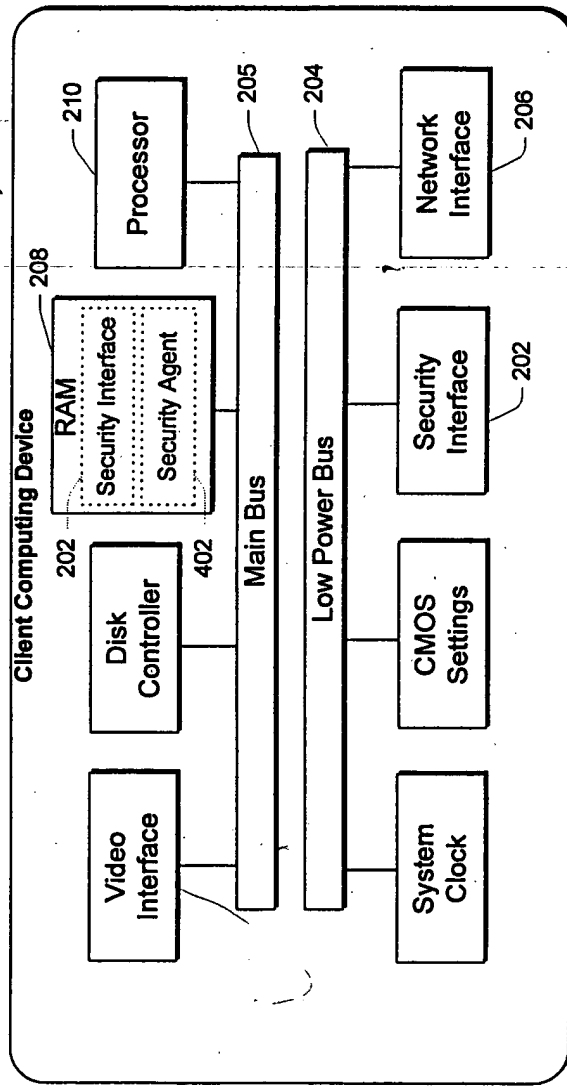
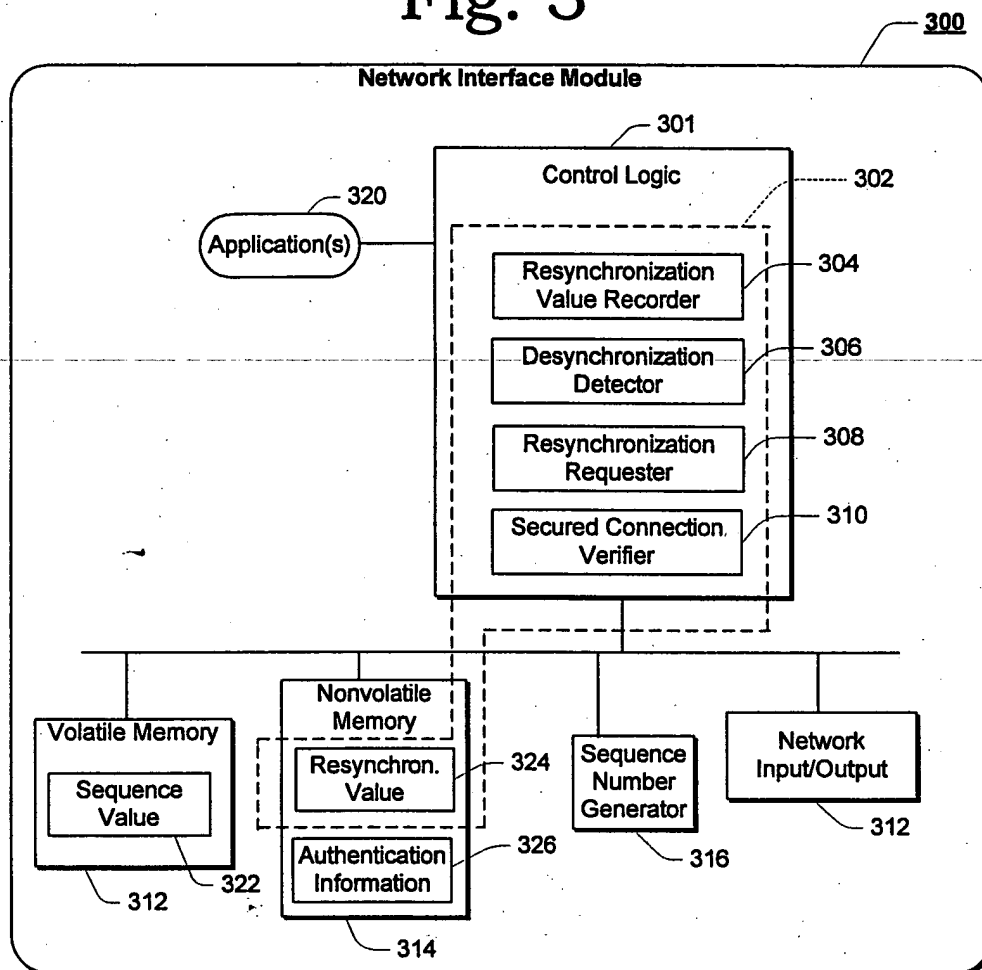


Fig. 2



# Fig. 3



TOP SECRET 33256860

Fig. 4

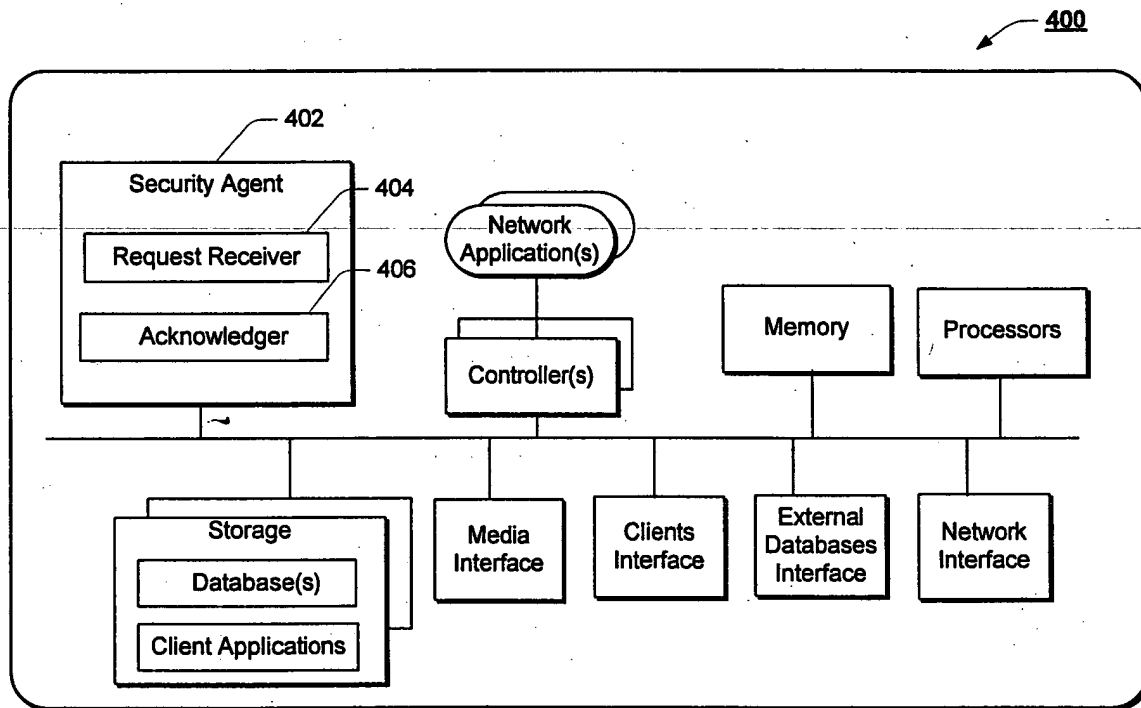


FIG. 5

Fig. 5

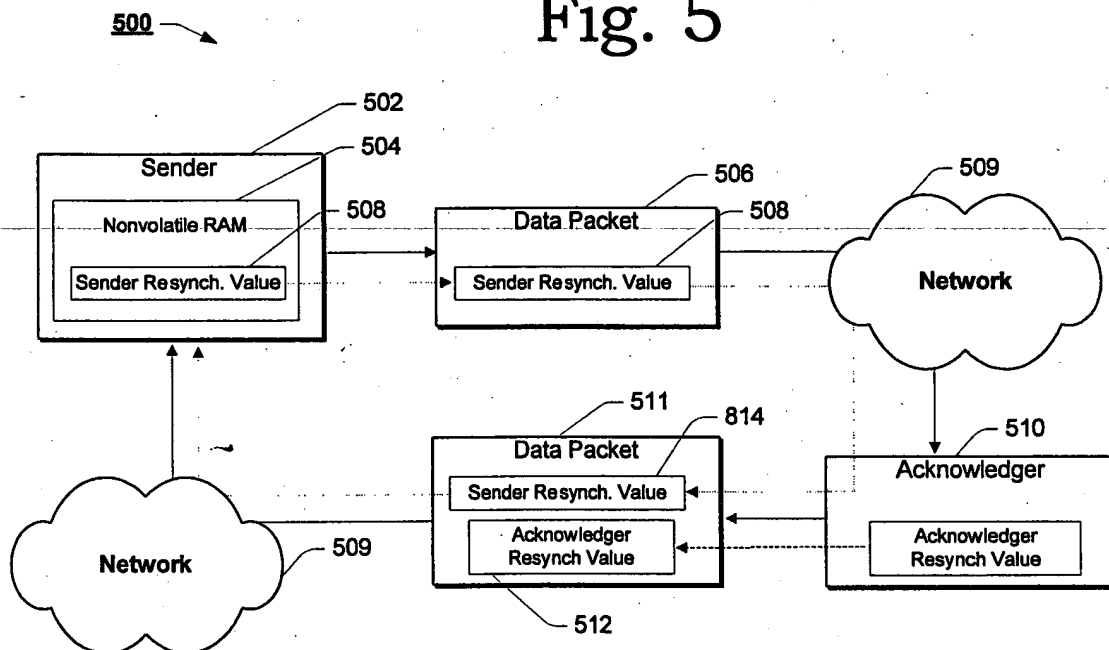
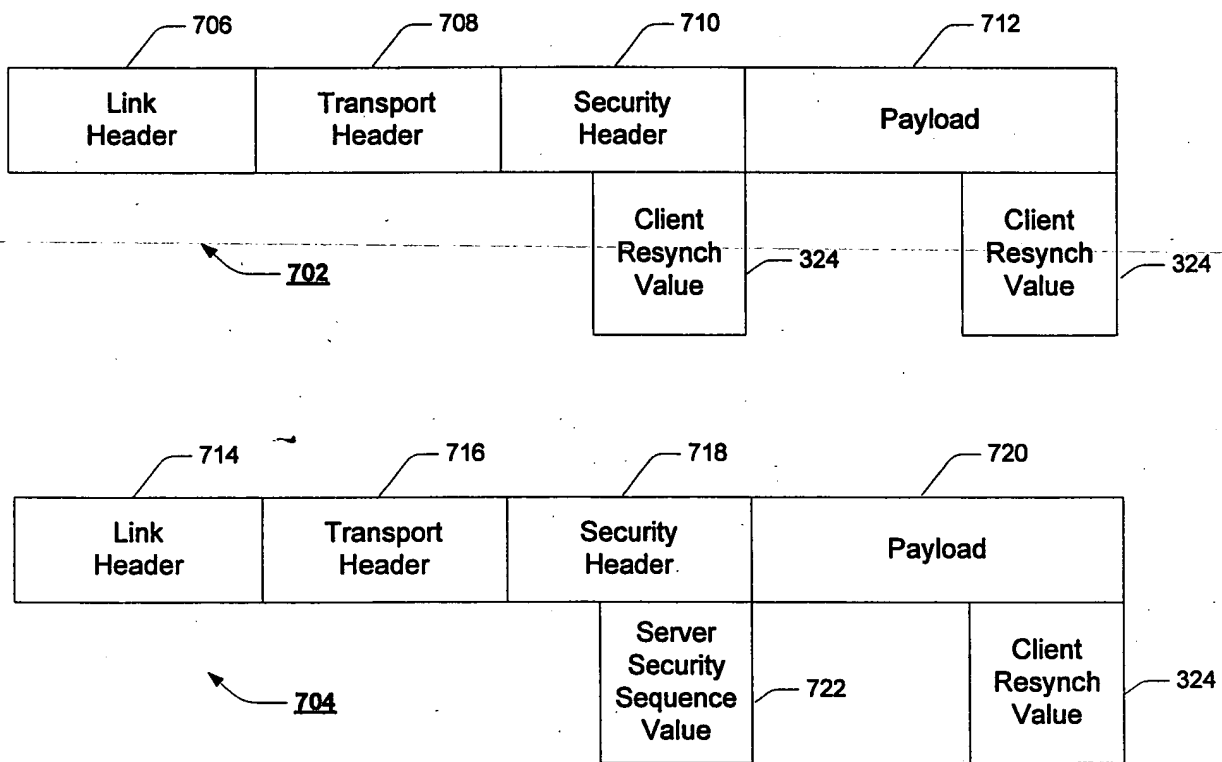


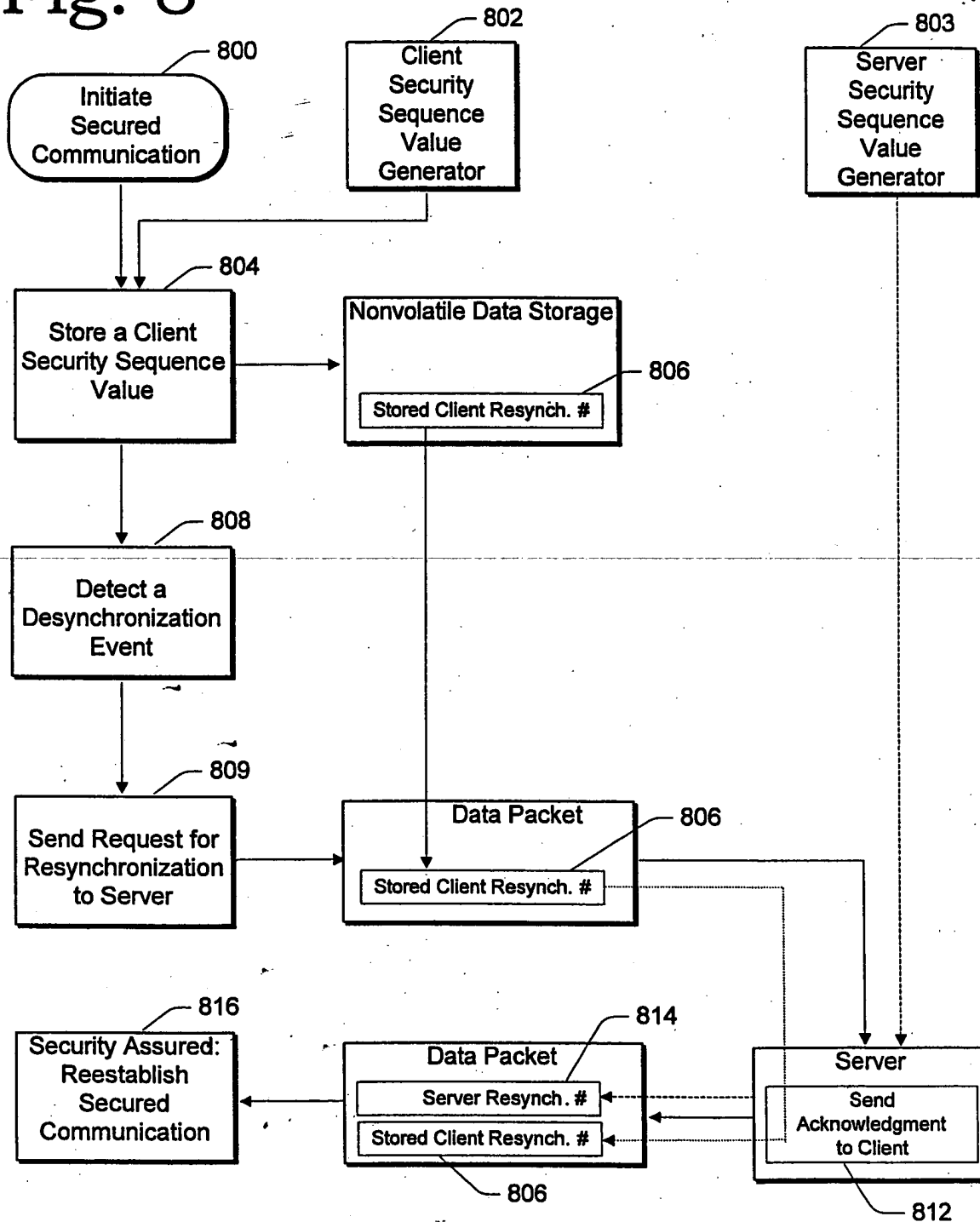
Fig. 6

600	Server RAM	Data Transfer	Client Volatile RAM	Client Nonvolatile RAM
602	Server Seq. # = 10 Client Seq. # = ? Auth. Key = ?		Client Seq. # = 40 Server Seq. # = ? Auth. Key = ?	Store R = Client Seq. # + 10 = 50
604	Server Seq. # = 10 Client Seq. # = ? Auth. Key = 09F7	Initiate Secured Communication	Client Seq. # = 40 Server Seq. # = ? Auth. Key = 09F7	R = 50 Auth. Key = 09F7
606	Server Seq. # = 10 Client Seq. # = ? Auth. Key = 09F7	REQUEST (Server Sequence # = 10)	Client Seq. # = 40 Server Seq. # = 10 Auth. Key = 09F7	R = 50 Auth. Key = 09F7
608	Server Seq. # = 10 Client Seq. # = 40 Auth. Key = 09F7	REPLY (Client Sequence # = 40)	Client Seq. # = 40 Server Seq. # = 10 Auth. Key = 09F7	R = 50 Auth. Key = 09F7
610	Server Seq. # = 11 Client Seq. # = 40 Auth. Key = 09F7	REQUEST (Server Sequence # = 11)	Client Power Loss	R = 50 Auth. Key = 09F7
612	Server Seq. # = 12 Client Seq. # = 40 Auth. Key = 09F7	REQUEST (Server Sequence # = 12)	No Secure Connection	R = 50 Auth. Key = 09F7
614	Server Seq. # = 12 Client Seq. # = 50 Auth. Key = 09F7	SYNC REQUEST (Client Seq. # = 50)	Client Seq. # = 50 Server Seq. # = ? Auth. Key = 09F7	R = 50 Auth. Key = 09F7
616	Server Seq. # = 13 Client Seq. # = 50 Auth. Key = 09F7	ACKN (Serv Seq. # = 13) (Client Seq. # = 50)	Client Seq. # = 50 Server Seq. # = 13 Auth. Key = 09F7	Store R = 60 Auth. Key = 09F7
618	Server Seq. # = 14 Client Seq. # = 50 Auth. Key = 09F7	REQUEST (Server Sequence # = 14)	Client Seq. # = 50 Server Seq. # = 14 Auth. Key = 09F7	R = 60 Auth. Key = 09F7
620	Server Seq. # = 14 Client Seq. # = 51 Auth. Key = 09F7	REPLY (Client Sequence # = 51)	Client Seq. # = 51 Server Seq. # = 14 Auth. Key = 09F7	R = 60 Auth. Key = 09F7

Fig. 7



# Fig. 8



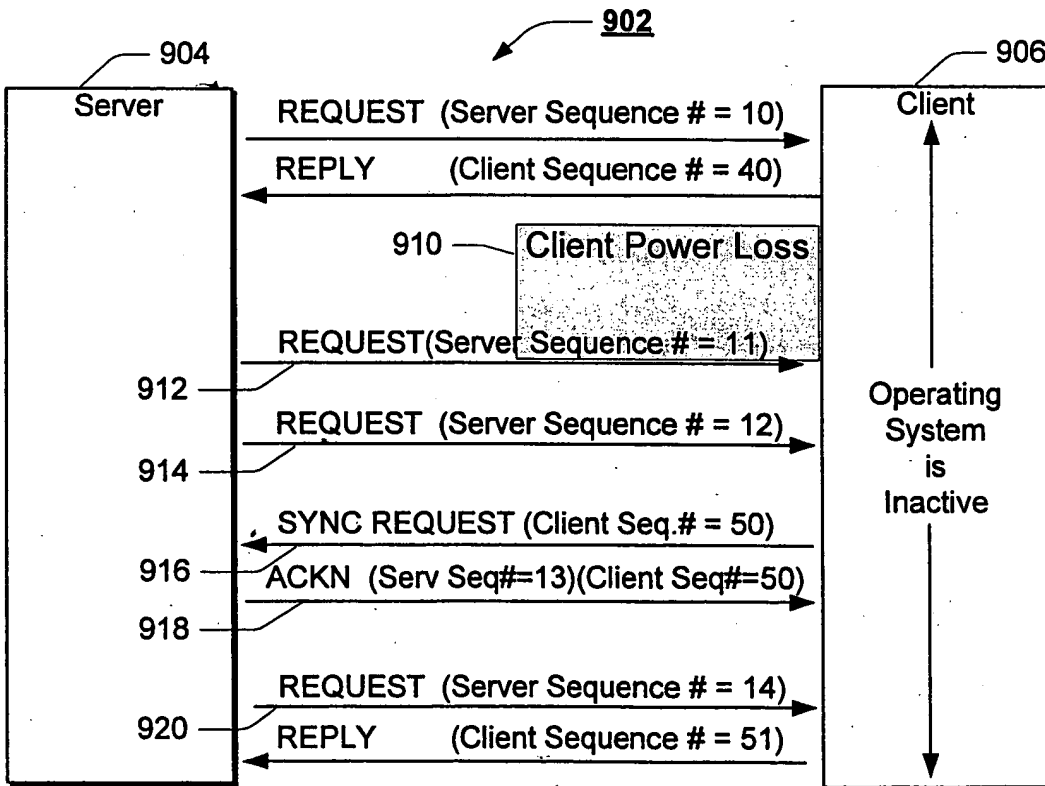
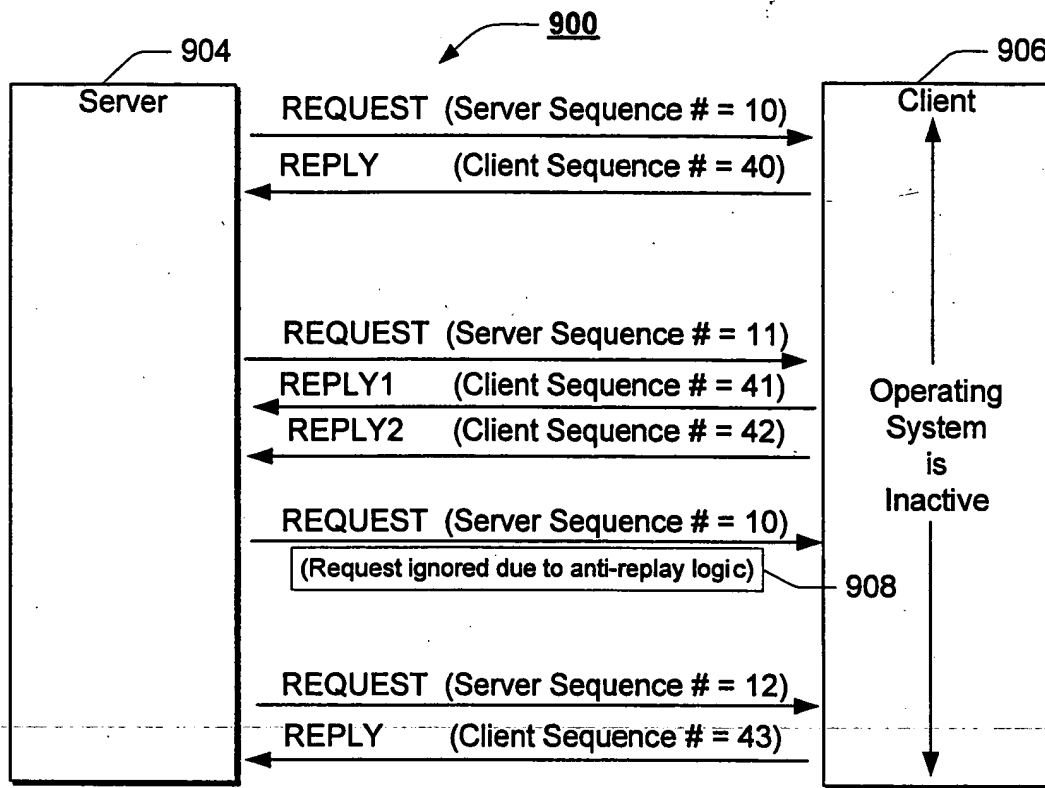


Fig. 9